L Number	Hits	Search Text	DB	Time stamp
1	2	20010051000.pn.	USPAT;	2004/02/13 15:12
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2	1067	382/141.ccls.	USPAT;	2004/02/13 15:12
-			US-PGPUB;	
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3	1182	382/181.ccls.	USPAT;	2004/02/13 15:12
	202		US-PGPUB;	
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			IBM TDB	
4	8	382/141.ccls. and 382/181.ccls.	USPĀT;	2004/02/13 15:12
'		332, 232, 3323, 332, 232, 332,	US-PGPUB;	=001, 02, 10 10112
			EPO; JPO;	
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5	179549	die dice	USPAT	2004/02/13 15:12
6	31	382/141.ccls. and (die dice)	USPAT	2004/02/13 15:12
7	1199		USPAT	2004/02/13 15:13
8	2051	382/181,182,184,199,190,203,209.ccls.	USPAT	2004/02/13 15:13
9	2739	348/86,87.ccls. 438/16.ccls.	USPAT	2004/02/13 15:13
	2133	700/114,121.ccls. 250/559.3.ccls.	JULAI	1 500-1/05/13 13:13
		356/401.ccls.		
10	5677	382/141,145,146,147,151.ccls.	USPAT	2004/02/13 15:13
10	3077	382/181,182,184,199,190,203,209.ccls.	OSFAI	2004/02/13 13:13
1		(348/86,87.ccls. 438/16.ccls.		
		700/114,121.ccls. 250/559.3.ccls.		
1		356/401.ccls.)		
11	213	330/401.CCIS.	USPAT	2004/02/13 15:13
12	43375	video adj lead locator	USPAT;	2004/02/13 15:14
1-2	43373	Video adj lead locator	US-PGPUB;	2004/02/13 13.14
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13	ц.	 video adj lead adj locator	USPAT;	2004/02/13 15:14
13	_	Video adj lead adj locator	US-PGPUB;	2004/02/13 13.14
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14	3	4441205.pn.	USPAT;	2004/02/13 15:14
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15	591	Kulicke and Soffa	USPAT;	2004/02/13 15:14
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16	53175	lead adj frame	USPAT;	2004/02/13 15:14
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17	161	(Kulicke and Soffa) and (lead adj frame)	USPAT;	2004/02/13 15:14
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18	2	6577019.pn.	USPAT;	2004/02/13 15:15
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]			EPO; JPO;	
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20	19	638	257/797.ccls.	USPAT;	2004/02/13 15:15
20			237,737.6613.		2001/02/13 13.13
20	1			EPO; JPO;	
20 Z806292 (camera cod charge-coupled (charge adj processor) USPRT; US-RGUB; picture) 2004/02/13 15:15 USPRT; US-RGUB; picture) 2004/02/13 15:15 USPRT; US-RGUB; picture) 2004/02/13 15:16 USPRT; USSPRT; US					
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23 50 ("5952714" DERMENT; ISM TDB USPAT 2004/02/13 15:16 "5402305" "4801561" "5422313" "5422313" "4812420" "4812420" "4812420" "4812420" "4791355" "5870137" "4318596" "4779155" "582000" "6192149" "4556996" "5880844" "6118660" "6193134" "6298149" "6119352" "6658382" "6587382" "5551905" "7568415" "75768415" "77742330" "5768415" "4991122" "55603883" "55603883" "55603864" "600122" "60012574" "6005274" "6005274" "6005274" "6005972" "6335755" "5734461" "6134392" "4992288" "5267035" "5594660" "5835144" "4302776"					
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24	11	(257/797.ccls. and ((camera ccd charge-coupled (charge adj coupled) imag\$3 (image adj processor) picture))) and (lead	USPAT; US-PGPUB; EPO; JPO;	2004/02/13 15:17
		adj frame)	DERWENT; IBM TDB	
25	2874486	(camera\$1 ccd\$1 charge-coupled (charge adj coupled) imag\$3 (image adj processor\$2) vision\$3 picture\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/02/13 15:17
26	156	(257/797.ccls. and ((camera ccd charge-coupled (charge adj coupled) imag\$3 (image adj processor) picture))) and (substrate or (lead adj frame))	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/02/13 15:17
27	1151	amkor nearl technology	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/02/13 15:18
28	198	(lead adj frame) and (amkor nearl technology)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/02/13 15:18
29	2	5350106.pn.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/02/13 15:18
30	12	("4441205" "5082165" "5175397" "5322207" "5350106" "5643835" "5862974" "5870517" "5874773" "5943557" "6072230" "6130115").PN.	IBM_TDB USPAT	2004/02/13 15:18
31	41	4441205.URPN.	USPAT	2004/02/13 15:19
32 33	31	("5936311" "6077756").PN. (amkor near1 technology) and clamp	USPAT USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/02/13 15:19 2004/02/13 15:19
34	42322	((camera\$1 ccd\$1 charge-coupled (charge adj coupled) imag\$3 (image adj processor\$2) vision\$3 picture\$1)) and clamp	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/02/13 15:19
35 36	1 4	4409686.pn. and compar\$3 257/797.ccls. and (((camera\$1 ccd\$1 charge-coupled (charge adj coupled) imag\$3 (image adj processor\$2) vision\$3 picture\$1)) and clamp)	IBM_TDB USPAT USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/02/13 15:20 2004/02/13 15:20
38	1067	382/141.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/02/13 15:22
39	1182	382/181.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/02/13 15:22
40	8	382/141.ccls. and 382/181.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/02/13 15:22
41	179549	die dice	IBM_TDB USPAT	2004/02/13 15:22
42 43	31 1199	382/141.ccls. and (die dice)	USPAT	2004/02/13 15:22
43	2051	382/141,145,146,147,151.ccls. 382/181,182,184,199,190,203,209.ccls.	USPAT USPAT	2004/02/13 15:22 2004/02/13 15:22

45	2739	348/86,87.ccls. 438/16.ccls. 700/114,121.ccls. 250/559.3.ccls.	USPAT	2004/02/13 15:22
46	5677	356/401.ccls. 382/141,145,146,147,151.ccls. 382/181,182,184,199,190,203,209.ccls. (348/86,87.ccls. 438/16.ccls. 700/114,121.ccls. 250/559.3.ccls.	USPAT	2004/02/13 15:22
48	43375	356/401.ccls.) video adj lead locator	USPAT; US-PGPUB; EPO; JPO;	2004/02/13 15:22
51	591	Kulicke and Soffa	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/02/13 15:22
52	53175	lead adj frame	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/02/13 15:22
55	2806292 [.]	(camera ccd charge-coupled (charge adj coupled) imag\$3 (image adj processor) picture)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/02/13 15:22
56	638	257/797.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/02/13 15:22
57	202	257/797.ccls. and ((camera ccd charge-coupled (charge adj coupled) imag\$3 (image adj processor) picture))	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/02/13 15:22
58	0	382/146.ccls and 382/181.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/02/13 15:22
60	2874486	(camera\$1 ccd\$1 charge-coupled (charge adj coupled) imag\$3 (image adj processor\$2) vision\$3 picture\$1)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/02/13 15:22
62	0	amkor.an.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/02/13 15:22
64	1151	amkor nearl technology	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/02/13 15:22
72	42322	((camera\$1 ccd\$1 charge-coupled (charge adj coupled) imag\$3 (image adj processor\$2) vision\$3 picture\$1)) and clamp	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/02/13 15:22
75	337793	<pre>pattern\$1 same (mark\$3 figure\$1 picture\$1 character\$1 number\$1)</pre>	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/13 15:22

76	2056568	die dice semiconductor\$1 chip\$1	USPAT;	2004/02/13 15:22
'	2030300	die dice semiconductoral chipar	US-PGPUB;	2004/02/13 13:22
			EPO; JPO;	
			DERWENT;	
77	92596	(pattern\$1 same (mark\$3 figure\$1 picture\$1	IBM_TDB USPAT;	2004/02/13 15:22
1 ''] 32330	character\$1 number\$1)) and (die dice	US-PGPUB;	2004/02/13 13:22
		semiconductor\$1 chip\$1)	EPO; JPO;	
			DERWENT;	
78	3880	((pattern\$1 same (mark\$3 figure\$1	IBM_TDB USPAT;	2004/02/13 15:22
'	3000	picture\$1 character\$1 number\$1)) and (die	US-PGPUB;	2004/02/13 13:22
		dice semiconductor\$1 chip\$1)) and (wire	EPO; JPO;	
		adj bond\$3)	DERWENT;	
79	3481	(((pattern\$1 same (mark\$3 figure\$1	IBM_TDB USPAT;	2004/02/13 15:22
' '	3401	picture\$1 character\$1 number\$1)) and (die	US-PGPUB;	2004/02/13 13:22
		dice semiconductor\$1 chip\$1)) and (wire	EPO; JPO;	
		adj bond\$3)) and ((lead adj frame\$1)	DERWENT;	
80	1273	leadframe\$1 lead-frame\$1 substrate\$1) ((camera\$1 ccd\$1 charge-coupled (charge	IBM_TDB USPAT;	2004/02/13 15:22
	12,3	adj coupled) imag\$3 (image adj	US-PGPUB;	2004/02/13 13:22
		processor\$2) vision\$3 picture\$1)) and	EPO; JPO;	
		((((pattern\$1 same (mark\$3 figure\$1	DERWENT;	
		picture\$1 character\$1 number\$1)) and (die dice semiconductor\$1 chip\$1)) and (wire	IBM_TDB	
		adj bond\$3)) and ((lead adj frame\$1)		
		<pre>leadframe\$1 lead-frame\$1 substrate\$1))</pre>		
82	24205	(unsymmetric\$3 unsymmetric\$3 ("not" adj	USPAT;	2004/02/13 15:22
		<pre>(symmetric\$3 symetric\$3)) non-symmetric\$3 nonsymmetric\$3)</pre>	US-PGPUB; EPO; JPO;	
		nonsyname crices,	DERWENT;	
			IBM_TDB	
84	18047	sugawara.in.	USPAT;	2004/02/13 15:22
			US-PGPUB; EPO; JPO;	
			DERWENT;	
	1		IBM_TDB	
85	198	(lead adj frame) and (amkor nearl	USPAT;	2004/02/13 15:22
		technology)	US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM_TDB	
93	282 24205	normal with lead with frame (unsymmetric\$3 unsymmetric\$3 ("not" adj	USPAT;	2004/02/13 15:22 2004/02/13 15:22
	24203	(symmetric\$3 symetric\$3)) non-symmetric\$3	US-PGPUB;	2004/02/13 13:22
		nonsymmetric\$3)	EPO; JPO;	
			DERWENT;	
96	2874486	 (camera\$1 ccd\$1 charge-coupled (charge adj	IBM_TDB USPAT;	2004/02/13 15:22
		coupled) imag\$3 (image adj processor\$2)	US-PGPUB;	2004/02/13 13.22
		vision\$3 picture\$1)	EPO; JPO;	
			DERWENT;	
97	1299	 ((unsymmetric\$3 unsymmetric\$3 ("not" adj	<pre>IBM_TDB USPAT;</pre>	2004/02/13 15:22
		(symmetric\$3 symetric\$3)) non-symmetric\$3	US-PGPUB;	
		nonsymmetric\$3)) same ((camera\$1 ccd\$1	EPO; JPO;	
		<pre>charge-coupled (charge adj coupled) imag\$3 (image adj processor\$2) vision\$3</pre>	DERWENT; IBM_TDB	
		picture\$1))	104-100	
101	23	((unsymmetric\$3 unsymmetric\$3 ("not" adj	USPAT;	2004/02/13 15:22
		(symmetric\$3 symetric\$3)) non-symmetric\$3	US-PGPUB;	
		nonsymmetric\$3)) with (substrate\$1 or (lead adj frame\$1) PCB or (circuit adj	EPO; JPO; DERWENT;	
		(tape or film))) with (pattern\$1)	IBM TDB	
109	0	"404277673"	JPO_	2004/02/13 15:23
111	0	(((compar\$5) near2 (imag\$2)) same align\$4) and (lead adj frame\$1)	JPO	2004/02/13 15:23
115	343	(captur\$3 tak\$3 photograph\$3 imag\$3	USPAT;	2004/02/13 15:23
		obtain\$3) near3 (die or dice) near20	US-PGPUB	
	L,	(pattern\$1)		

116	306	(captur\$3 tak\$3 photograph\$3 imag\$3	USPAT;	2004/02/13 15:23
		obtain\$3) near3 (die or dice) near10	US-PGPUB	
		(pattern\$1)		
118	82	(captur\$3 tak\$3 photograph\$3 imag\$3	USPAT;	2004/02/13 15:23
		obtain\$3) near3 (image\$1) near3 (die or	US-PGPUB	i
		dice or chip\$1) near10 (pattern\$1)		
130	22555		USPAT;	2004/02/13 15:23
			US-PGPUB	
133	4334	(pattern\$1) near3 (die or dice)	USPAT;	2004/02/13 15:23
		, , , , , , , , , , , , , , , , , , ,	US-PGPUB	
137	1	4409686.pn.	USPAT	2004/02/13 15:23
37	2		USPAT;	2004/02/13 15:23
• •	_	2002002000	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
47	213	vll	USPAT	2004/02/13 15:24
49	5	video adj lead adj locator	USPAT;	2004/02/13 15:24
12	1	Video daj icad daj iocatoi	US-PGPUB;	2004/02/13 13.24
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
50	3	4441205.pn.	USPAT;	2004/02/13 15:24
30	1	1441203.pm.	US-PGPUB;	2004/02/13 13.24
	i		EPO; JPO;	
			DERWENT;	
			IBM TDB	
53	161	(Kulicke and Soffa) and (lead adj frame)	USPAT;	2004/02/13 15:24
55	101	(Rulleke and Solla) and (lead ad) Itame)	US-PGPUB;	2004/02/13 13:24
			EPO; JPO;	
			1	
			DERWENT;	
54		6577010	IBM_TDB	2004/02/12 15:04
J4	2	6577019.pn.	USPAT;	2004/02/13 15:24
	1		US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		1	IBM TDB	

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#\$457341" #4912420" #4987365" #5970137" #4318596" #4779155" #5682200" #6192149" #586886" #6193134" #619866" #6193134" #619866" #6193134" #619875" #6683224" #6587582" #550583" #5524896" #551905" #5524896" #551905" #57473375" #919122" #4991122" #546194" #5608483" #5608483" #5608483" #5608483" #5608483" #560564" #5800564" #600972" #6325555" #5734614" #5800564" #600972" #6335755" #5734611" #6085274" #6069972" #6335755" #5734611" #6134392" #4922881 #202776" #5594660" #5835144" #4302776" #61069772" #637797.ccl.s. and ((camera ccd cod) cod) cod cod cod cod cod cod cod cod cod cod					
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### ##################################			"4812420"		
## 1870137" # 418896" #4779155" #5682200" #6192149" #4556996" #5880844" #6119660" #6193134" #623342" #6563322" #6563322" #555093" #5924996" #5551905" #57793456194" #5664322" #55661516" #571793.2" #5748241" #5803566" #6003142" #6012815" #6037971" #6069772" #6335755" #5734461" #6134322" #6134322" #6267769.cls. and ((camera cod charge-coupled (charge adj coupled) imag63 (image adj processor) picture)) and (lead adj frame) adj frame) #61 11 (257797.ccls. and ((camera cod charge-coupled (charge adj coupled) imag63 (image adj processor) picture)) and (lead adj frame) adj					
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(image adj processor) picture))) and (lead adj frame) DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; OSSON DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO	61	11			2004/02/13 15:24
(image adj processor) picture))) and (lead adj frame) DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; OSSON DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO				US-PGPUB;	
adj frame) 156 (257/797.ccls. and ((camera ccd charge-coupled (charge adj coupled) imag\$3 (image adj processor) picture))) and (substrate or (lead adj frame)) 198 (lead adj frame) and (amkor nearl technology) 198 (257/797.ccls. and ((camera ccd USPAT; USPGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; USPGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; USPGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; USPGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; USPGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; USPGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; USPGPUB; EPO; JPO; DERWENT; USPGPUB; EPO; DERWENT			(image adj processor) picture))) and (lead	EPO; JPO;	
156 (257/797.ccls. and ((camera ccd charge-coupled (charge adj coupled) imag\$3 (image adj processor) picture))) and (substrate or (lead adj frame)) 198 (lead adj frame) and (amkor nearl technology) 198 (257/797.ccls. and ((camera ccd charge adj coupled) imag\$3 (US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO;					
63	İ				
charge-coupled (charge adj coupled) imag\$3 US-PGPUB; (image adj processor) picture))) and EPO; JPO; (substrate or (lead adj frame)) DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO;	63	150	/257/707 0010 001		2004/00/12 15:04
(image adj processor) picture))) and (substrate or (lead adj frame)) 198 (lead adj frame) and (amkor nearl technology) 198 (lead adj frame) and (amkor nearl technology) 198 (lead adj frame) and (amkor nearl technology) 199 (lead adj frame) and (amkor nearl technology) 199 (lead adj frame) and (amkor nearl technology) 199 (lead adj frame) and (amkor nearl technology) 199 (lead adj frame) and (amkor nearl technology) 199 (lead adj frame) 198 (lead adj frame) and (amkor nearl technology) 199 (lead adj frame) and (amkor nearl technology) 199 (lead adj frame) and (amkor nearl technology) 199 (lead adj frame) and (amkor nearl technology) 199 (lead adj frame) and (amkor nearl technology) 199 (lead adj frame) and (amkor nearl technology) 199 (lead adj frame) and (amkor nearl technology) 199 (lead adj frame) and (amkor nearl technology) 199 (lead adj frame) and (amkor nearl technology) 199 (lead adj frame) and (amkor nearl technology) 2004/02/13 15:2 2004/02/13 15:2 2004/02/13 15:2 2004/02/13 15:2 2004/02/13 15:2	03	1 126			2004/02/13 15:24
(substrate or (lead adj frame)) DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;					
(substrate or (lead adj frame)) DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;				EPO; JPO;	
198					
65 198 (lead adj frame) and (amkor near1 USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO;					
technology) US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO;	65	100	(lead add frame) and (amkor pear)		2004/02/13 15.24
EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;		196			2004/02/13 13.24
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;			recunorody)		
IBM_TDB USPAT; US-PGPUB; EPO; JPO;					
BM_TDB USPAT; 2004/02/13 15:2 US-PGPUB; EPO; JPO;				DERWENT;	
66 2 5350106.pn. USPĀT; 2004/02/13 15:2 US-PGPUB; EPO; JPO;				IBM TDB	
US-PGPUB; EPO; JPO;	66) 2	5350106.pn.		2004/02/13 15:24
EPO; JPO;		["			
				DERWENT;	
IBM TDB				IBM TDB	[

67	12	("4441205" "5082165" "5175397" "5322207" "5350106" "5643835" "5862974" "5870517" "5874773"	USPAT	2004/02/13 15:24
68	41	"5943557" "6072230" "6130115").PN.	USPAT	2004/02/13 15:24
69	2	("5936311" "6077756").PN.	USPAT	2004/02/13 15:24
70	2	("5936311" "6077756").PN.	USPAT	2004/02/13 15:24
71	31	(amkor near1 technology) and clamp	USPAT;	2004/02/13 15:24
72	415	382/151.ccls.	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2004/02/13 15:24
73	415	382/131.CCIS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/13 15:24
74	83	382/146.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/13 15:24
81	348	<pre>(((camera\$1 ccd\$1 charge-coupled (charge adj coupled) imag\$3 (image adj processor\$2) vision\$3 picture\$1)) and ((((pattern\$1 same (mark\$3 figure\$1 picture\$1 character\$1 number\$1)) and (die dice semiconductor\$1 chip\$1)) and (wire adj bond\$3)) and ((lead adj frame\$1) leadframe\$1 lead-frame\$1 substrate\$1))) and (leadframe\$1 lead-frame\$1 (lead adj frame\$1))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/13 15:24
83	94	<pre>(((camera\$1 ccd\$1 charge-coupled (charge adj coupled) imag\$3 (image adj processor\$2) vision\$3 picture\$1)) and ((((pattern\$1 same (mark\$3 figure\$1 picture\$1 character\$1 number\$1)) and (die dice semiconductor\$1 chip\$1)) and (wire adj bond\$3)) and ((lead adj frame\$1) leadframe\$1 lead-frame\$1 substrate\$1))) and ((unsymmetric\$3 unsymmetric\$3 ("not" adj (symmetric\$3 symetric\$3)) non-symmetric\$3 nonsymmetric\$3))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/13 15:24
86	21	("4530152" "5041902" "5157480" "5172213" "5172214" "5278446" "5428248" "5521429" "5701034" "5783861" "5835988" "5856911" "5866939" "5894108" "5977613" "5977630" "6143981" "6229200" "6242281" "6294100" "6355502").PN.	USPAT	2004/02/13 15:24
87	32	((lead adj frame) and (amkor near1 technology)) and (align\$4 regist\$7)	USPAT	2004/02/13 15:24
88	3	((lead adj frame) and (amkor nearl technology)) and camera\$1	USPAT	2004/02/13 15:24
89	5	((lead adj frame) and (amkor nearl technology)) and camera\$1	USPAT; US-PGPUB	2004/02/13 15:24
90	24	("4426341" "4437229" "4510673" "4554126" "4585931" "4787143" "5172053" "5175425" "5181097" "5197650" "5256578" "5645787" "5654204" "5872398" "5998243" "6001672" "6021380" "6052798" "6090644" "6106259" "6111324" "6117382" "6192457" "6415977" "2001/0004002").PN.	USPAT	2004/02/13 15:24
91 92	10	("3909602" "5908150").PN. ("4255851" "4543659" "4896418" "5003692" "5125036" "5163222" "5768759" "5787577" "5894659"	USPAT USPAT	2004/02/13 15:24 2004/02/13 15:24
١		"5896652").PN.		
94	3	<pre>(normal with lead with frame) and (inverted with lead with frame)</pre>	USPAT	2004/02/13 15:24

98	106	(((unsymmetric\$3 unsymmetric\$3 ("not" adj	USPAT;	2004/02/13 15:24
		(symmetric\$3 symetric\$3)) non-symmetric\$3	US-PGPUB;	
		nonsymmetric\$3)) same ((camera\$1 ccd\$1	EPO; JPO;	
		charge-coupled (charge adj coupled) imag\$3	DERWENT;	
		(image adj processor\$2) vision\$3	IBM_TDB	
		<pre>picture\$1))) same pattern\$1</pre>		j į
99	142	(camera or ccd) with (pattern\$1) same (die	USPAT;	2004/02/13 15:24
		or dice)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
100			IBM_TDB	0004/00/12 15 04
100	23	((unsymmetric\$3 unsymmetric\$3 ("not" adj (symmetric\$3 symetric\$3)) non-symmetric\$3	USPAT; US-PGPUB;	2004/02/13 15:24
		nonsymmetric\$3)) with (substrate\$1 or	EPO; JPO;	
		(lead adj frame\$1)) with (pattern\$1)	DERWENT;	
		(10dd dd) 11dmoq1/, w1ch (pdctolh41)	IBM TDB	
102	1	5350106.pn.	USPAT	2004/02/13 15:24
103	12	("4441205" "5082165" "5175397"	USPAT	2004/02/13 15:24
		"5322207" "5350106" "5643835"		
		"5862974" "5870517" "5874773"		
		"5943557" "6072230" "6130115").PN.		
104	6	382/141.ccls. and (lead adj frame\$1)	USPAT	2004/02/13 15:24
105	61	382/142-151.ccls. and (lead adj frame\$1)	USPAT	2004/02/13 15:24
106	27	(center or central) with (bond) with	USPAT	2004/02/13 15:24
107	2	(point\$1) same line ("5936311" "6077756").PN.	USPAT	2004/02/13 15:24
107	32	257/797.ccls. and camera\$1	USPAT	2004/02/13 15:24
110	1	JP-04277673-A.did.	JPO	2004/02/13 15:24
112	16	(((compar\$5) near2 (imag\$2))) and (lead	JPO	2004/02/13 15:24
		adj frame\$1)		
113	7	(((compar\$5) near2 (imag\$2)) same align\$4)	USPAT;	2004/02/13 15:24
		and (lead adj frame\$1)	US-PGPUB	
114	95	(((compar\$5) near2 (imag\$2))) and (lead	USPAT;	2004/02/13 15:24
		adj frame\$1)	US-PGPUB	2224/22/22 25 24
117	20	(captur\$3 tak\$3 photograph\$3 imag\$3	USPAT;	2004/02/13 15:24
		obtain\$3) near3 (image\$1) near3 (die or dice) near10 (pattern\$1)	US-PGPUB	
119	62	((captur\$3 tak\$3 photograph\$3 imag\$3	USPAT;	2004/02/13 15:24
++3	02	obtain\$3) near3 (image\$1) near3 (die or	US-PGPUB	2004/02/13 13.24
		dice or chip\$1) near10 (pattern\$1)) not		
		((captur\$3 tak\$3 photograph\$3 imag\$3		
		obtain\$3) near3 (image\$1) near3 (die or		
		dice) near10 (pattern\$1))		
120	37	(,	USPAT;	2004/02/13 15:24
		obtain\$3) near3 (die or dice) near20	US-PGPUB	
121	161	<pre>(pattern\$1)) same (compar\$3) ((lead adj frame) or substrate\$1) with</pre>	HCDAM.	2004/02/13 15:24
121		clamp\$1 with (hole\$1)	USPAT; US-PGPUB	2004/02/13 13:24
122	63	((lead adj frame) or substrate\$1) same	USPAT;	2004/02/13 15:24
		(clamp\$1 with (window\$1))	US-PGPUB	131, 12, 13 13.21
123	4	("4049903" "5035034" "5186719"	USPAT	2004/02/13 15:24
		"5249726").PN.		
124	24	4049903.URPN.	USPAT	2004/02/13 15:24
125	55	5035034.URPN.	USPAT	2004/02/13 15:24
126 127	10	5249726.URPN. 6062459.URPN.	USPAT	2004/02/13 15:24
127	1 10	20010051000.pn.	USPAT;	2004/02/13 15:24 2004/02/13 15:24
			US-PGPUB	2004/02/13 13.24
129	1	5406700.pn.	USPAT;	2004/02/13 15:24
		-	US-PGPUB	
131	258	(support\$3 adj bar\$1) and (lead adj	USPAT;	2004/02/13 15:25
1,20		frame\$1)	US-PGPUB	
132	25	((support\$3 adj bar\$1) with (window\$1	USPAT;	2004/02/13 15:25
		box\$1 observ\$5 hole\$1)) and (lead adj	US-PGPUB	
134	21	frame\$1) (specific adj pattern\$1) near3 (die or	HCDATT.	2004/02/13 15:25
		dice)	USPAT; US-PGPUB	2004/02/13 13.23
135	1	5654204.pn.	USPAT;	2004/02/13 15:25
			US-PGPUB	
136	1	5654204.pn. and (die near2 pattern)	USPAT	2004/02/13 15:25